ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Henry Baez	**10/02/03**	**03-0678**	**—**	301-925-1025	2101D	Sys Eng

8. CCR Title: Replace current 4 256MB DIMM with 8 512MB DIMM in GSFC and LP firewalls.

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 10/03/2003
Henry Baez /s/ 10/02/03	**II**	**CCR**	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Carolyn Whitaker /s/ 10/2/03	Initial ECS Baseline Doc.	Emergency

16. Documentation/Drawings Impacted *(Review and submit checklist):*	17. Schedule Impact:	18. CI(s) Affected:

19. Release Affected by this Change: 6A	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach)   ☐Action Item   ☐Tech Ref. ☐GSFC   ☒Other: CCRs
CCR 03-0578 & 03-0579   NCR-37821

23. Problem: (use additional Sheets if necessary)
Both LPDAAC and GDAAC experienced problem with running out of memory and swap space. The firewall did not allow new commands or process to start and required a reset. After reset firewall was functional again. Analyze of logs show that firewall server was running out of memory and using swap. Running in memory is much better.

24. Proposed Solution: (use additional sheets if necessary)
The program has brought 4 GB of memory in the form of 8 512MB DIMM chips for the GSFC and LP DAAC firewall to replace the 1 GB in the form of four 256MB DIMM chips currently install. Currently install four 256MB DIMM will be de-installed and shipped to LaRC and NSIDC to bring those firewalls to 2 GB each.

25. Alternate Solution: (use additional sheets if necessary)
None.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Memory has already shipped and received at GSFC and LP DAAC.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF   ☐PVC   ☐VATC   ☒EDC   ☒ GSFC ☒LaRC   ☒NSIDC   ☐SMC ☐AK ☐JPL
☐EOC   ☐ IDG Test Cell   ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): **Evelyn N. Nakamura /s/ 10/2/03**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. M&O CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 03-0678   **Rev: —** **Originator:** Henry Baez

Telephone: 301-925-1025   **Office:** 2101D

Title of Change: Replace 4 256MB DIMM with 8 512MB DIMM in GSFC and LP firewalls.

See attached install instracutions.

CM01AJA00 Revised 8/2/02   *ECS*